



PROJECT MANAGEMENT CHALLENGE 2006

Third Annual NASA Project Management Conference

BIOGRAPHY

Mr. Feng Hsu, Ph.D.
Lead Engineer, Frontier Space Missions,
NASA GSFC

Biography:

Dr. F. Hsu, a US expert with over 20 years of experiences in the field of Risk Analysis, Safety and Mission Assurance (SMA) assessment for complex engineering systems. Formerly a staff research engineer at world renowned Brookhaven National Laboratory (BNL), Dr. Hsu has worked extensively on reliability, probabilistic risk assessment (PRA) and management theory and methodology research for nuclear reactor safety since the 1980s. He then became Sr. staff engineer/scientist and joined NASA's SAIC team in the Shuttle & Exploration Analysis Department at Johnson Space Center in Houston since 2000. Dr. Hsu has been a lead engineering analyst and project manager working as technical expert in the space center on NASA' key program areas, such as PRA, SMA for the Space Shuttle, International Space Station as well as the Risk-informed design assessment for the new generation space launch & crew exploration vehicle (CEV/CLV) systems. Dr. Hsu is now a leading NASA engineer working on frontier space missions at GSFC, and he has over 60 publications, including a recent book by CGPublishing, Journal articles, NUREG/CRs, BNL and NASA technical reports. Dr. Hsu has won numerous research and service awards from BNL, SAIC and NASA.